

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	586	(600/515).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/11 09:47
L2	1878	(607/9).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/11 09:48
L3	255	(607/19).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/11 09:49
S1	9	((("20030229380") or ("5199428") or ("5330507") or ("6272377") or ("6922585") or ("7025730") or ("20020016550") or ("20040172074") or ("20040172075"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/16 13:11
S2	48	("0002002" "0002003" "20030060857" "4791931" "5111815" "5190035" "5199428" "5203326" "5243980" "5318592" "5330507" "5356425" "5411531" "5437285" "5507784" "5522854" "5578061" "5658318" "5690681" "5700282" "5916239" "6006134" "6058331" "6073048" "6134470" "6161042" "6178349" "6181966" "6240314" "6272377" "6292695" "6371922" "6400982" "6421557" "6449507" "6473644" "6487450" "6493585" "6511500" "6522926" "6532388" "6542774" "6564096" "6611713" "6622041" "6628987").PN.	US-PGPUB; USPAT; USOCR; EPC; JPO	OR	ON	2007/04/16 13:12

S3	10	("20020026222" "20020120304" "20030023279" "20030105493" "20040049235" "5275826" "5707400" "5902324" "6285907" "6411845").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/16 13:11
S4	6	("20020016550" "20030229380" "20040172074" "20040172075" "6922585" "7025730").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/16 13:11
S5	1	("20050096705").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/16 13:14
S6	1	S5 and (atri\$2 same pac \$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/16 13:19
S7	1	S5 and (atri\$2 same pac\$3 same (ventricle ventricular) same (simultaneous\$2 synchrony synchronous \$2))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/16 13:21
S8	1	S5 and (atri\$2 same (ventricle ventricular) same (parasympathetic nerve))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/16 17:59
S9	65	S1 S2 S3 S4 S5	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/16 13:44
S10	25	S9 and (atri\$2 same (ventricle ventricular) same (parasympathetic nerve))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/16 13:45
S11	18	S9 and (atri\$2 same (ventricle ventricular) same (parasympathetic nerve) same (pac\$3 pacemaker))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/16 14:05
S12	59	S9 and (pac\$3 pacemaker)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/16 14:04

S13	1	("6718208").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/16 13:53
S14	1	S13 and (atri\$2 same (ventricle ventricular) same (parasympathetic nerve) same (pac\$3 pacemaker))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/16 13:54
S15	18	S11 and (parasympathetic vagus vagal)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/16 14:01
S16	8	S15 and (simultaneous\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/16 14:01
S17	2	S9 and (wall adj stress)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/16 14:04
S18	38	(hr (heart adj rate)) same (wall adj stress)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/16 14:04
S19	12	(atri\$2 same (ventricle ventricular) same (parasympathetic nerve) same (pac\$3 pacemaker)) and (wall adj stress)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/16 14:05
S20	1	(atri\$2 same (ventricle ventricular) same (parasympathetic nerve) same (pac\$3 pacemaker)) same (wall adj stress)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/16 14:05
S21	1	(atri\$2 same (ventricle ventricular) same (parasympathetic vagus vagal nerve) same (pac\$3 pacemaker)) same (wall adj stress)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/16 14:32
S22	12	(atri\$2 same (ventricle ventricular) same (parasympathetic vagus vagal nerve) same (pac\$3 pacemaker)) and (wall adj stress)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/16 14:31

S23	34	(atri\$2 same (ventricle ventricular) same (parasympathetic vagus vagal nerve) same (pac\$3 pacemaker)) and ((wall adj stress) afterload)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/16 14:32
S24	22	S23 not S22	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/16 14:32
S25	1	(atri\$2 same (ventricle ventricular) same (parasympathetic vagus vagal nerve) same (pac\$3 pacemaker)) same ((wall adj stress) afterload ess)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/16 14:33
S26	0	("2006/0259084").URPN.	USPAT	OR	ON	2007/04/16 14:34
S27	0	("2006/0259084").URPN.	USPAT	OR	ON	2007/04/16 14:37
S28	1	("6684105").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/16 14:37
S29	8	"0200068"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/16 14:38
S30	0	"110200068"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/16 14:38
S31	290	pct and "00068"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/16 14:38
S32	4	pct and "0200068"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/16 17:19
S33	479	(600/515).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/16 17:19
S34	1509	(607/9).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/16 17:19

S35	24	(US-20040172075-\$ or US-20040172074-\$ or US-20030229380-\$ or US-20020016550-\$ or US-20050096705-\$ or US-20060253156-\$ or US-20060100668-\$ or US-20060009831-\$ or US-20050277992-\$ or US-20050065555-\$ or US-20050059897-\$ or US-20040088015-\$ or US-20040116970-\$ or US-20040054381-\$ or US-20020091415-\$).did. or (US-7025730-\$ or US-6272377-\$ or US-5330507-\$ or US-5199428-\$ or US-6922585-\$ or US-6718208-\$ or US-6684105-\$ or US-4936304-\$ or US-7139607-\$).did.	US-PGPUB; USPAT	OR	ON	2007/04/16 17:59
S36	17	S35 and (atri\$2 same (ventricle ventricular) same (parasympathetic nerve))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/16 18:29
S37	13	S36 and (simultaneous\$2 concurrent\$2 synchrony synchronous\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/16 18:02
S38	17	S36 and ((wall adj stress) hr (heart adj rate))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/16 18:46
S39	5	S35 and (((heart adj rate) hr) same (wall adj stress))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/16 18:30
S40	3	((("5330507") or ("2004008815") or ("20040172075") or ("7139607"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/16 18:46
S41	4	((("5330507") or ("2004008815") or ("20040172075") or ("7139607"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/16 18:47
S42	4	((("5330507") or ("2004008801") or ("20040172075") or ("7139607"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/16 18:47

S43	4	((("5330507") or ("20040088015") or ("20040172075") or ("7139607")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/16 18:48
S44	4	S43 and ((cardiac adj output) co (stroke adj volume) sv)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/16 18:56
S45	4	S43 and (transthoracic trans-thoracic thoracic)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/16 18:50
S46	2	S43 and ((transthoracic trans-thoracic thoracic) same (impedence impedance))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/16 18:50
S47	2	S43 and (((cardiac adj output) co (stroke adj volume) sv) same (limit threshold))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/16 18:53
S48	4	S43 and (sensor exertion exercise physiologic\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/16 18:53
S49	2	S43 and ((exertion exercise physiologic\$2 biologic\$2) same (limit threshold))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/16 18:54
S50	1	S43 and ((minute adj (ventilation ventillation)) mv)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/16 18:57
S51	3	S43 and (accelerometer acceleration)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/16 18:58
S52	1	("20070043398").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/25 17:42

S53	24	(US-20050096705-\$ or US-20040054381-\$ or US-20020091415-\$ or US-20060253156-\$ or US-20060009831-\$ or US-20020016550-\$ or US-20030229380-\$ or US-20040172075-\$ or US-20040172074-\$ or US-20040116970-\$ or US-20060100668-\$ or US-20050277992-\$ or US-20050065555-\$ or US-20040088015-\$ or US-20050059897-\$).did. or (US-6272377-\$ or US-5330507-\$ or US-5199428-\$ or US-6684105-\$ or US-7025730-\$ or US-6922585-\$ or US-4936304-\$ or US-6718208-\$ or US-7139607-\$).did.	US-PGPUB; USPAT	OR	ON	2007/10/22 10:30
S54	23	S53 and ((heart adj rate) parasympathetic vagal vagus)	US-PGPUB; USPAT	OR	ON	2007/10/22 12:03
S55	15	S53 and ((slow\$3 decreas \$3) same (heart adj rate))	US-PGPUB; USPAT	OR	ON	2007/10/22 12:02
S56	4	S53 and ((slow\$3 decreas \$3) same (heart adj rate) same pac\$3)	US-PGPUB; USPAT	OR	ON	2007/10/22 10:36
S57	8	S53 and ((slow\$3 decreas \$3) same (heart adj rate) same (pac\$3 pacemaker))	US-PGPUB; USPAT	OR	ON	2007/10/22 10:39
S58	13	S53 and (demand same pac\$3)	US-PGPUB; USPAT	OR	ON	2007/10/22 12:01
S59	0	S53 and bradycarida	US-PGPUB; USPAT	OR	ON	2007/10/22 10:45
S60	17	S53 and bradycardia	US-PGPUB; USPAT	OR	ON	2007/10/22 12:02
S61	2	((("20030045909") or ("6684105")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/22 10:49
S62	1	S61 and ((slow\$3 decreas \$3) same (heart adj rate))	US-PGPUB; USPAT	OR	ON	2007/10/22 10:49
S63	23	S53 and (atrium atrial atria)	US-PGPUB; USPAT	OR	ON	2007/10/22 11:55
S64	23	S53 and ((ventricle ventricular) same (pac\$3 pacemaker))	US-PGPUB; USPAT	OR	ON	2007/10/22 12:03

S65	5	((("20040172075") or ("6718208") or ("6449507") or ("6266564") or ("6006134"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/22 12:00
S66	3	S65 and (demand same (pac\$3 pacemaker))	US-PGPUB; USPAT	OR	ON	2007/10/22 12:01
S67	3	S65 and bradycardia	US-PGPUB; USPAT	OR	ON	2007/10/22 12:02
S68	5	S65 and ((slow\$3 decreas \$3) same (heart adj rate))	US-PGPUB; USPAT	OR	ON	2007/10/22 12:03
S69	5	S65 and ((heart adj rate) parasympathetic vagal vagus)	US-PGPUB; USPAT	OR	ON	2007/10/22 12:03
S70	5	S65 and ((ventricle ventricular) same (pac\$3 pacemaker))	US-PGPUB; USPAT	OR	ON	2007/10/22 12:25
S71	516	(600/515).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/22 12:25
S72	1613	(607/9).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/22 12:25
S73	25	(US-20040116970-\$ or US- 20040054381-\$ or US- 20020091415-\$ or US- 20060253156-\$ or US- 20060009831-\$ or US- 20050065555-\$ or US- 20040088015-\$ or US- 20050277992-\$ or US- 20050059897-\$ or US- 20030045909-\$ or US- 20050096705-\$ or US- 20060100668-\$ or US- 20020016550-\$ or US- 20040172074-\$ or US- 20030229380-\$ or US- 20040172075-\$).did. or (US-4936304-\$ or US- 6718208-\$ or US-6684105- \$ or US-7139607-\$ or US- 5199428-\$ or US-5330507- \$ or US-6272377-\$ or US- 6922585-\$ or US-7025730- \$).did.	US-PGPUB; USPAT	OR	ON	2008/02/27 18:35
S74	18	S73 and (parasympathetic sympathetic)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/02/27 18:35

S75	22	S73 and (nerve neural nervous)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/02/27 18:56
S76	22	S73 and (co (cardiac adj output))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/02/27 19:27
S77	25	(US-20040116970-\$ or US-20040054381-\$ or US-20020091415-\$ or US-20060253156-\$ or US-20060009831-\$ or US-20050065555-\$ or US-20040088015-\$ or US-20050277992-\$ or US-20050059897-\$ or US-20030045909-\$ or US-20050096705-\$ or US-20060100668-\$ or US-20020016550-\$ or US-20040172074-\$ or US-20030229380-\$ or US-20040172075-\$).did. or (US-4936304-\$ or US-6718208-\$ or US-6684105-\$ or US-7139607-\$ or US-5199428-\$ or US-5330507-\$ or US-6272377-\$ or US-6922585-\$ or US-7025730-\$).did.	US-PGPUB; USPAT	OR	ON	2008/02/28 09:28
S78	22	S77 and (co (cardiac adj output))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/02/28 09:28
S79	18	S78 and (exercis\$3 exert \$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/02/28 09:29
S80	4	((("20040088015") or ("20040172075") or ("20030029380") or ("20030045909")).FN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/28 14:48
S81	4	((("20040088015") or ("20040172075") or ("20030229380") or ("20030045909")).FN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/28 14:48

S82	3	S81 and (implant\$3 imd) and (cardiac heart pac\$3 pacemaker) and (ventricle ventricular) and (parasympathetic para-sympathetic sympathetic colinergic vagus vagal) and ((cardiac adj output) co) and ((heart adj rate) hr pulse)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/02/28 14:50
S83	5	((("20040088015") or ("20040172075") or ("20030229380") or ("20030045909") or ("6718208")).FN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/28 14:56
S84	3	S83 and (implant\$3 imd) and (cardiac heart pac\$3 pacemaker) and (ventricle ventricular) and (parasympathetic para-sympathetic sympathetic colinergic vagus vagal) and ((cardiac adj output) co) and ((heart adj rate) hr pulse)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/02/28 14:56
S85	3	S83 and (implant\$3 imd) and (cardiac heart pac\$3 pacemaker) and (ventricle ventricular) and (parasympathetic para-sympathetic sympathetic colinergic vagus vagal) and ((cardiac adj output) co)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/02/28 15:01
S86	4	S83 and (implant\$3 imd) and (cardiac heart pac\$3 pacemaker) and (ventricle ventricular) and ((cardiac adj output) co) and ((heart adj rate) hr pulse)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/02/28 15:01
S87	4	S83 and (parasympathetic para-sympathetic sympathetic colinergic vagus vagal)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/02/28 15:02
S88	4	S83 and (cardiac heart pac\$3 pacemaker) and (ventricle ventricular) and (parasympathetic para-sympathetic sympathetic colinergic vagus vagal)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/02/28 15:03

S89	5	S83 and ((cardiac adj output) co)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/02/28 15:04
S90	5	S83 and (ventricle ventricular)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/02/28 15:04
S91	5	S83 and (pacemaker)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/02/28 15:05
S92	5	S83 and (ventricle ventricular)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/02/28 15:05
S93	5	S83 and ((heart adj rate) hr pulse)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/02/28 15:06
S94	5	S83 and (exercis\$3 exert \$3 activity fatigue)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/02/28 15:06
S95	4	S83 and (transthoracic thoracic trans-thoracic)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/02/28 15:33
S96	5	S83 and (transthoracic thoracic trans-thoracic impedance)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/02/28 15:38
S97	5	S83 and (transthoracic thoracic trans-thoracic impedance respirat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/02/28 15:41
S98	2	S83 and ((exercis\$3 exert \$3 activity fatigue) same ((cardiac adj output) co))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/02/28 15:45
S99	1336	(cardiac heart pacemaker) same (parasympathetic parasympathetic sympathetic colinergic vagus vagal) and ((exercis\$3 exert\$3 activity fatigue) same ((cardiac adj output) co))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/02/28 15:50

S100	315	(cardiac heart pacemaker) same (parasympathetic parasympathetic sympathetic colinergic vagus vagal) same (exercise activity fatigue) same ((cardiac adj output) co)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/02/28 15:50
S101	165	S100 and ("600" "607"). clas.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/02/28 15:51
S102	143	S101 and (transthoracic thoracic trans-thoracic impedance respirator)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/02/28 15:51
S103	124	S102 and (ventricle ventricular)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/02/28 15:51
S104	124	S103 and ((heart adj rate) hr pulse)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/02/28 15:52
S105	95	S104 and (implant imd)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/02/28 15:52
S106	141	(cardiac heart pacemaker) same (parasympathetic parasympathetic colinergic vagus vagal) same (exercise activity fatigue) same ((cardiac adj output) co)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/02/28 15:52
S107	104	S106 and ("600" "607"). clas.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/02/28 15:52
S108	90	S107 and (transthoracic thoracic trans-thoracic impedance respirator)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/02/28 15:52
S109	90	S107 and (transthoracic thoracic trans-thoracic respirator)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/02/28 15:53

S110	78	S109 and (ventricle ventricular)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/02/28 15:53
S111	78	S110 and ((heart adj rate) hr pulse)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/02/28 15:53
S112	44	S111 and (mv (minute adj ventilation))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/02/28 15:54
S113	42	S112 and (accelerat\$3 accelerometer movement gyroscop\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/02/28 15:55
S114	2	S112 not S113	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/02/28 15:55
S115	4	S83 and (accelerat\$3 accelerometer movement gyroscop\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/02/28 17:00
S116	0	S83 and (mv (minute adj ventilation))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/02/28 17:00
S117	42	S113 and (co (cardiac adj output))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/02/28 17:04
S118	12	("20020147476" "20030040776" "20030045910" "4712555" "4788980" "4940052" "5466254" "5476483" "6314323" "6625493" "6658292" "6738666").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/28 17:05

S119	35	US-20020004670-\$.DID. OR US-20020010493-\$. DID. OR US-20020016344- \$.DID. OR US- 20020026228-\$.DID. OR US-20020032468-\$.DID. OR US-20020035378-\$. DID. OR US-20020042637- \$.DID. OR US- 20020072776-\$.DID. OR US-20020077670-\$.DID. OR US-20020082661-\$. DID. OR US-20020161410- \$.DID. OR US- 20020183237-\$.DID. OR US-20020183793-\$.DID. OR US-20020188325-\$. DID. OR US-20020188326- \$.DID. OR US- 20020193843-\$.DID. OR US-20020198570-\$.DID. OR US-20020198571-\$. DID. OR US-20030229380- \$.DID. OR US- 20030018368-\$.DID. OR US-20030036773-\$.DID. OR US-20030040774-\$. DID. OR US-20030045914- \$.DID. OR US- 20030074039-\$.DID. OR US-20030078623-\$.DID. OR US-20030100924-\$. DID. OR US-20030114905- \$.DID. OR US- 20030158584-\$.DID. OR US-20030176818-\$.DID. OR US-20030181951-\$. DID. OR US-20030191403- \$.DID. OR US- 20030191404-\$.DID. OR US-20030195578-\$.DID. OR US-20030199958-\$. DID. OR US-20030216790- \$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/28 17:14
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S120	40	US-20030216792-\$.DID. OR US-20030236558-\$. DID. OR US-20040010303- \$.DID. OR US- 20040015204-\$.DID. OR US-20040015205-\$.DID. OR US-20040019364-\$. DID. OR US-20040024422- \$.DID. OR US- 20040030362-\$.DID. OR US-20040038857-\$.DID. OR US-20040048795-\$. DID. OR US-20040049120- \$.DID. OR US- 20040049235-\$.DID. OR US-20040059383-\$.DID. OR US-20040068299-\$. DID. OR US-20040088009- \$.DID. OR US- 20040098057-\$.DID. OR US-20040122496-\$.DID. OR US-20040122497-\$. DID. OR US-20040122498- \$.DID. OR US- 20040127942-\$.DID. OR US-20040127947-\$.DID. OR US-20040133248-\$. DID. OR US-20040138721- \$.DID. OR US- 20040162594-\$.DID. OR US-20040199209-\$.DID. OR US-20040199210-\$. DID. OR US-20040220621- \$.DID. OR US- 20040249416-\$.DID. OR US-20040254612-\$.DID. OR US-20050065554-\$. DID. OR US-20050065562- \$.DID. OR US- 20050131467-\$.DID. OR US-20050143785-\$.DID. OR US-20050149126-\$. DID. OR US-20050149127- \$.DID. OR US- 20050149129-\$.DID. OR US-20050149130-\$.DID. OR US-20050149131-\$. DID. OR US-20050149132- \$.DID. OR US- 20050149133-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/28 17:19
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S121	41	US-20050149143-\$.DID. OR US-20050222632-\$. DID. OR US-20050251216- \$.DID. OR US- 20060074453-\$.DID. OR US-20060089678-\$.DID. OR US-20060106429-\$. DID. OR US-20060134071- \$.DID. OR US- 20060134079-\$.DID. OR US-20060136027-\$.DID. OR US-20060136028-\$. DID. OR US-20070021790- \$.DID. OR US- 20070021792-\$.DID. OR US-20070021796-\$.DID. OR US-20070021797-\$. DID. OR US-20070021798- \$.DID. OR US- 20070021799-\$.DID. OR US-20070034261-\$.DID. OR US-20070038259-\$. DID. OR US-20070038260- \$.DID. OR US- 20070038261-\$.DID. OR US-20070060972-\$.DID. OR US-20070067008-\$. DID. OR US-20070068260- \$.DID. OR US- 20070142864-\$.DID. OR US-20070142871-\$.DID. OR US-20070167984-\$. DID. OR US-20080015648- \$.DID. OR US-3421511-\$. DID. OR US-3522811-\$. DID. OR US-3650277-\$. DID. OR US-4357946-\$. DID. OR US-4397946-\$. DID. OR US-4730619-\$. DID. OR US-4770177-\$. DID. OR US-4960129-\$. DID. OR US-5052388-\$. DID. OR US-5324316-\$. DID. OR US-5334221-\$. DID. OR US-5374282-\$. DID.	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/28 17:20
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S122	39	US-5409009-\$.DID. OR US-5513644-\$.DID. OR US-5540730-\$.DID. OR US-5562711-\$.DID. OR US-5651378-\$.DID. OR US-5662689-\$.DID. OR US-5749900-\$.DID. OR US-5792187-\$.DID. OR US-5817131-\$.DID. OR US-5913876-\$.DID. OR US-6006122-\$.DID. OR US-6035233-\$.DID. OR US-6076014-\$.DID. OR US-6104956-\$.DID. OR US-6119043-\$.DID. OR US-6141590-\$.DID. OR US-6144878-\$.DID. OR US-6161048-\$.DID. OR US-6164284-\$.DID. OR US-6169918-\$.DID. OR US-6208902-\$.DID. OR US-6240316-\$.DID. OR US-6266564-\$.DID. OR US-6292703-\$.DID. OR US-6308104-\$.DID. OR US-6349233-\$.DID. OR US-6381499-\$.DID. OR US-6405079-\$.DID. OR US-6438423-\$.DID. OR US-6442424-\$.DID. OR US-6447443-\$.DID. OR US-6477418-\$.DID. OR US-6487442-\$.DID. OR US-6487446-\$.DID. OR US-6544270-\$.DID. OR US-6571121-\$.DID. OR US-6571122-\$.DID. OR US-6574512-\$.DID. OR US-6584362-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/28 17:20
S123	33	US-6662052-\$.DID. OR US-6668191-\$.DID. OR US-6690971-\$.DID. OR US-6718203-\$.DID. OR US-6718207-\$.DID. OR US-6718208-\$.DID. OR US-6735471-\$.DID. OR US-6763268-\$.DID. OR US-6778854-\$.DID. OR US-6788970-\$.DID. OR US-6799069-\$.DID. OR US-6804561-\$.DID. OR US-6838471-\$.DID. OR US-6839592-\$.DID. OR US-6845267-\$.DID. OR US-	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/28 17:20

		6882886-\$.DID. OR US- 6885888-\$.DID. OR US- 6904318-\$.DID. OR US- 6912419-\$.DID. OR US- 6928320-\$.DID. OR US- 6928326-\$.DID. OR US- 6934583-\$.DID. OR US- 6937896-\$.DID. OR US- 6985774-\$.DID. OR US- 7058450-\$.DID. OR US- 7069070-\$.DID. OR US- 7123959-\$.DID. OR US- 7123967-\$.DID. OR US- 7155284-\$.DID. OR US- 7158832-\$.DID. OR US- 7194313-\$.DID. OR US- 7260431-\$.DID. OR US- 7294334-\$.DID.				
S124	0	EP-1304135-\$.DID. OR EP- 1541193-\$.DID. OR WO- 02085448-\$.DID. OR WO- 02087694-\$.DID. OR WO- 0226318-\$.DID. OR WO- 0226320-\$.DID. OR WO- 0234327-\$.DID. OR WO- 03011388-\$.DID. OR WO- 03020364-\$.DID. OR WO- 03026741-\$.DID. OR WO- 03041559-\$.DID. OR WO- 03099373-\$.DID. OR WO- 03099377-\$.DID. OR WO- 04012814-\$.DID. OR WO- 04033036-\$.DID. OR WO- 2005113066-\$.DID. OR WO-2007078410-\$.DID. OR WO-9216257-\$.DID. OR WO-9713550-\$.DID. OR WO-9740885-\$.DID. OR WO-9965561-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/28 17:21
S125	0	EP-1304135-\$.DID. OR EP- 1541193-\$.DID. OR WO- 02085448-\$.DID. OR WO- 02087694-\$.DID. OR WO- 0226318-\$.DID. OR WO- 0226320-\$.DID. OR WO- 0234327-\$.DID. OR WO- 03011388-\$.DID. OR WO- 03020364-\$.DID. OR WO- 03026741-\$.DID. OR WO- 03041559-\$.DID. OR WO- 03099373-\$.DID. OR WO- 03099377-\$.DID. OR WO- 04012814-\$.DID. OR WO- 04033036-\$.DID. OR WO-	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/28 17:21

		2005113066-\$.DID. OR WO-2007078410-\$.DID. OR WO-9216257-\$.DID. OR WO-9713550-\$.DID. OR WO-9740885-\$.DID. OR WO-9965561-\$.DID.				
S126	533	(600/515).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/28 17:54
S127	1696	(607/9).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/28 17:54
S128	1	("6718208").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/29 08:56
S129	1	S128 and (heart cardiac pac\$3 pacemaker ventricle ventricular parasympathetic colinergic vagus vagal)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/02/29 08:57
S130	1	S128 and (co (cardiac adj output))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/02/29 09:05
S131	1	S128 and (wall stress compliance chf (heart adj failure))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/02/29 09:07
S132	1	S128 and (hr (heart adj rate))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/02/29 09:11
S133	1	S128 and (transthoracic trans-thoracic thora\$3 impedance (minute adj ventilation))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/02/29 09:16
S134	1	S128 and (exert\$3 exercis \$3 effort fatigue movement stress strenuous)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/02/29 09:19
S135	1	S128 and (minute ventilation accelerometer acceleration gyroscope\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/02/29 09:34
S136	2	((("20030229380") or ("20030045909")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/29 09:44

S137	2	S136 and ((co (cardiac adj output)))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/02/29 09:45
S138	2	S136 and ((co (cardiac adj output)) same (heart cardiac pac\$3 pacemaker ventricle ventricular parasympathetic cholinergic vagus vagal))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/02/29 09:47
S139	2	S136 and (exert\$3 exercis \$3 effort fatigue movement stress strenuous)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/02/29 09:58
S140	2	((("20030229380") or ("20030045909"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/29 10:05
S141	2	S140 and (minute ventilation accelerometer acceleration gyroscope\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/02/29 10:05
S142	31	(US-20040116970-\$ or US-20040054381-\$ or US-20020091415-\$ or US-20060253156-\$ or US-20060009831-\$ or US-20050065555-\$ or US-20040088015-\$ or US-20050277992-\$ or US-20050059897-\$ or US-20030045909-\$ or US-20050096705-\$ or US-20060100668-\$ or US-20020016550-\$ or US-20040172074-\$ or US-20030229380-\$ or US-20040172075-\$).did. or (US-4936304-\$ or US-6718208-\$ or US-6684105-\$ or US-7139607-\$ or US-5199428-\$ or US-5330507-\$ or US-6272377-\$ or US-6922585-\$ or US-7025730-\$ or US-5024222-\$ or US-6934583-\$ or US-6942622-\$ or US-7092755-\$ or US-7277761-\$ or US-7333854-\$).did.	US-PGPUB; USPAT	OR	ON	2008/10/09 16:11

S143	30	S142 and (ventricle ventricular v-v vv biventricular bi-ventricular rv-lv lv-rv interventricular)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/10/09 16:18
S144	28	S142 and (exertion (cardiac adj output) adequa\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/10/09 16:20
S145	28	S142 and ((cardiac adj output) co) and (activity exertion exercis\$3 strain\$3 strenuous)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/10/09 16:34
S146	16	S142 and (((cardiac adj output) co) same (activity exertion exercis\$3 strain\$3 strenuous))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/10/09 16:35
S147	8	("20020068875" "20050143779" "20060116737" "20080021507" "6341236" "6988007" "7191015" "7321793"). PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/10/09 16:44
S148	7	S147 and (ventricle ventricular v-v vv biventricular bi-ventricular rv-lv lv-rv interventricular)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/10/09 16:46
S149	5	S148 and ((cardiac adj output) co) and (activity exertion exercis\$3 strain\$3 strenuous)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/10/09 16:46
S150	8	("20020068875" "20050143779" "20060116737" "20080021507" "6341236" "6988007" "7191015" "7321793"). PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/10/10 11:49
S151	7	S150 and (ventricle ventricular v-v vv biventricular bi-ventricular rv-lv lv-rv interventricular)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/10/10 11:49
S152	1	"5718208".pn. and (cardiac output heart rate hr activity exercise exertion strenuous)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/10/10 11:50

S153	1	"20050096705".pn. and (comput\$3 function map mapp\$3 exertion activity (cardiac adj output) co adequate\$2) and ((ceas\$3 end\$3 halt\$3 deliver\$3) near4 (parasympathetic stimulation))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/02/20 10:33
S154	1	"20050096705".pn. and (lookup look-up (look adj up) table)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/02/20 10:34
S155	36	(US-20040116970-\$ or US-20040054381-\$ or US-20020091415-\$ or US-20060253156-\$ or US-20060009831-\$ or US-20050065555-\$ or US-20040088015-\$ or US-20050277992-\$ or US-20050059897-\$ or US-20030045909-\$ or US-20050096705-\$ or US-20060100668-\$ or US-20020016550-\$ or US-20040172074-\$ or US-20030229380-\$ or US-20040172075-\$ or US-20080021507-\$ or US-20060116737-\$ or US-20050143779-\$).did. or (US-4936304-\$ or US-6718208-\$ or US-6684105-\$ or US-7139607-\$ or US-5199428-\$ or US-5330507-\$ or US-6272377-\$ or US-6922585-\$ or US-7025730-\$ or US-5024222-\$ or US-6934583-\$ or US-6942622-\$ or US-7092755-\$ or US-7277761-\$ or US-7333854-\$ or US-7321793-\$ or US-6988007-\$).did.	US-PGPUB; USPAT	OR	ON	2009/02/20 11:56

S156	3	S155 and (((cardiac adj output) co hr (heart adj rate) sv (stroke adj volume) contractility) near4 (minim\$2 lower\$3 decreas\$3 threshold adequate desir\$4 prefer\$4 target))) same ((ceas\$3 stop\$4 halt\$3 interrupt\$3 delay\$3 blank\$3) near3 (stimulus stimulat\$3 parasympathetic vagus vagal nerve shock\$3)))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/02/20 11:59
S157	15	S155 and (((ceas\$3 stop\$4 halt\$3 interrupt\$3 delay\$3 blank\$3) near3 (stimulus stimulat\$3 parasympathetic vagus vagal nerve shock\$3)))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/02/20 12:01
S158	28	S155 and (((cardiac adj output) co hr (heart adj rate) sv (stroke adj volume) contractility) near4 (minim\$2 lower\$3 decreas\$3 threshold adequate desir\$4 prefer\$4 target)))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/02/20 12:01
S159	33	S155 and ((cardiac adj output) co sv (stroke adj volume) contractility)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/02/20 12:12
S160	8	S155 and (lookup look-up (look adj up) table)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/02/20 12:20
S161	36	(US-20040116970-\$ or US-20040054381-\$ or US-20020091415-\$ or US-20060253156-\$ or US-20060009831-\$ or US-20050065555-\$ or US-20040088015-\$ or US-20050277992-\$ or US-20050059897-\$ or US-20030045909-\$ or US-20050096705-\$ or US-20060100668-\$ or US-20020016550-\$ or US-20040172074-\$ or US-20030229380-\$ or US-20040172075-\$ or US-20080021507-\$ or US-	US-PGPUB; USPAT	OR	ON	2009/08/10 10:02

		20060116737-\$ or US-20050143779-\$).did. or (US-4936304-\$ or US-6718208-\$ or US-6684105-\$ or US-7139607-\$ or US-5199428-\$ or US-5330507-\$ or US-6272377-\$ or US-6922585-\$ or US-7025730-\$ or US-5024222-\$ or US-6934583-\$ or US-6942622-\$ or US-7092755-\$ or US-7277761-\$ or US-7333854-\$ or US-7321793-\$ or US-6988007-\$).did.				
S162	32	S161 and ((excit\$3 pre-excit\$3 condition\$3 pre-condition\$3) same (myocardi\$2 heart tissue nerve))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/08/10 10:15
S163	4	S161 not S162	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/08/10 10:15
S164	24	S161 and ((prevent\$3 inhibit\$3 stop\$4 maintain\$3 preclud\$3) same (drop\$4 lower\$3 slow\$3 increas\$3 decreas\$3) same (hr (heart adj rate) rate))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/08/10 10:19
S165	12	S161 not S164	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/08/10 10:19
S166	34	S161 and ((drop\$4 lower\$3 slow\$3 increas\$3 decreas\$3) same (hr (heart adj rate) rate))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/08/10 12:58
S167	10	S166 not S164	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/08/10 12:59
S168	9373	(implant\$4 imd) and ((excit\$3 pre-excit\$3 conditioning conditioned pre-condition\$3) same (myocardi\$2 heart tissue nerve))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/08/10 15:28

S169	1880	S168 and ((prevent\$3 inhibit\$3 stop\$4 maintain\$3 preclud\$3 variance variable variability) same (drop\$4 lower\$3 slow\$3 increas\$3 decreas\$3) same (hr (heart adj rate) rate))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/08/10 15:29
S170	1344	S168 and ((prevent\$3 inhibit\$3 stop\$4 maintain\$3 preclud\$3 variance variable variability) same (drop\$4 lower\$3 slow\$3 decreas\$3) same (hr (heart adj rate) rate))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/08/10 15:29
S171	317	S170 and ((pac\$3 stimulat\$3) near3 (ventricle ventricular lv rv bi-ventricular bi-v))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/08/10 15:30
S172	144	S171 and ((parasympathetic vagus vagal nerve) same (pac\$3 pacemaker stimulat\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/08/10 15:31
S173	107	S172 and ((simultaneous\$2 concurrent\$2 synchrony synchronous\$2 conjunction) near4 (stimulat\$3 pac\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/08/10 15:33
S174	53	S173 and ((pre-excit\$3 conditioning conditioned pre-condition\$3) same (myocardi\$2 heart tissue))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/08/10 15:34
S175	54	S173 not S174	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/08/10 15:34
S176	37	S174 and (wall stress)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/08/10 15:36
S177	16	S174 not S176	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/08/10 15:36

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